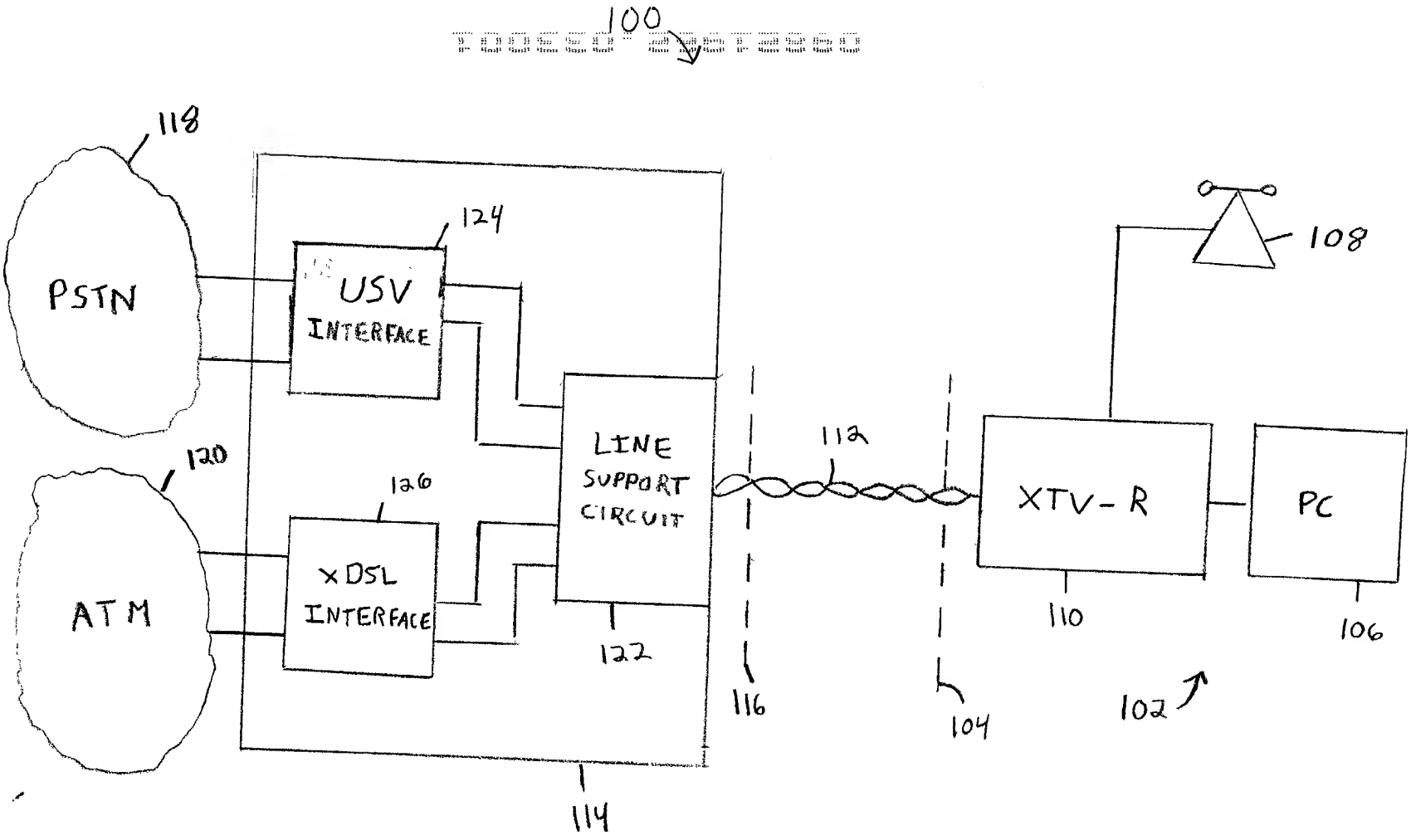
100
118
PSTN
120
ATM
124
USV INTERFACE
126
xDSL INTERFACE
LINE SUPPORT CIRCUIT
122
114
116
112
104
108
XTV-R
110
PC
106
102

FIG. 1

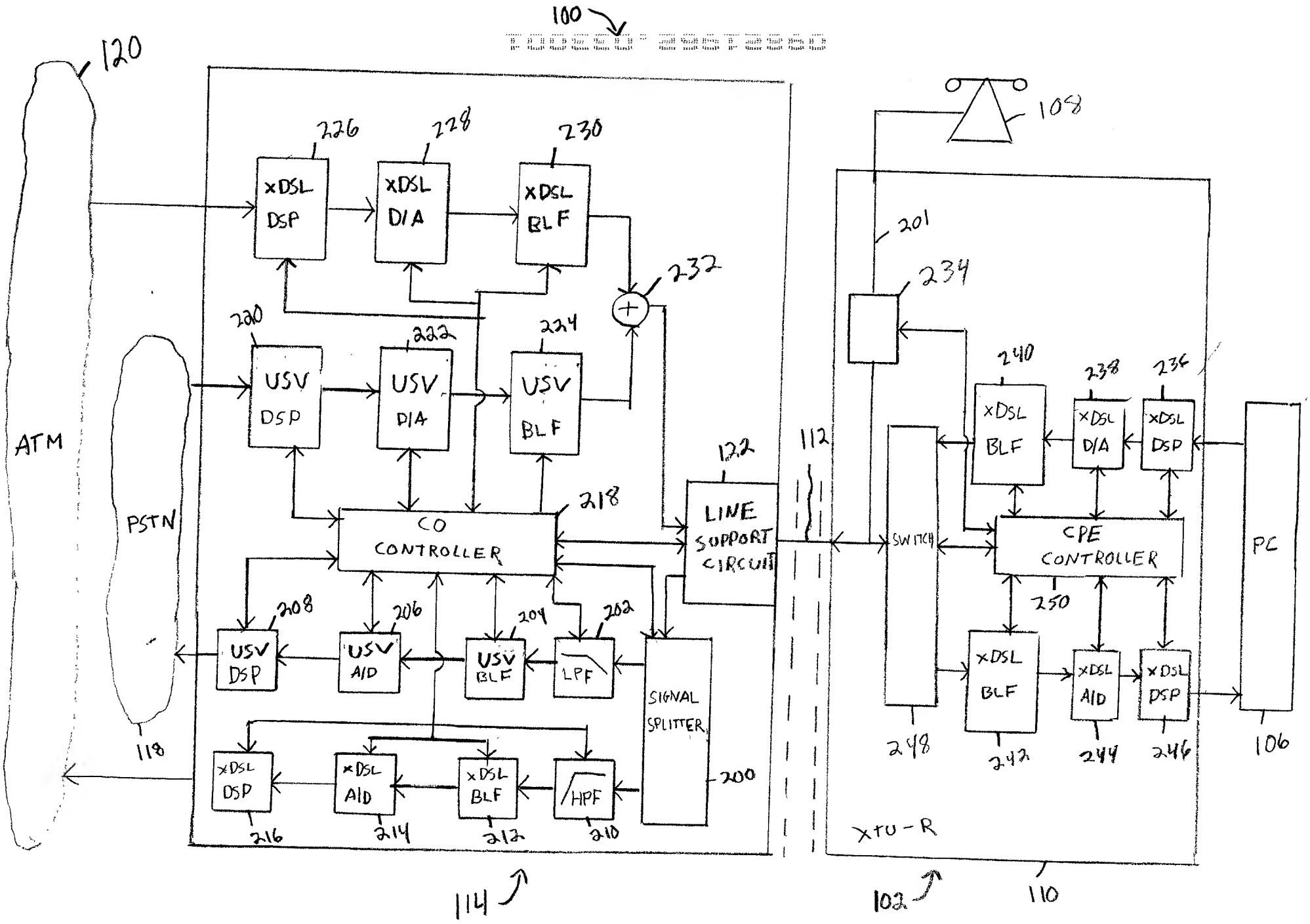
100
120
ATM
PSTN
118
226
228
230
xDSL DSP
xDSL D/A
xDSL BLF
232
220
222
224
USV DSP
USV D/A
USV BLF
218
CO CONTROLLER
122
LINE SUPPORT CIRCUIT
208
206
204
202
USV DSP
USV A/D
USV BLF
LPF
SIGNAL SPLITTER
200
xDSL DSP
xDSL A/D
xDSL BLF
HPF
216
214
212
210
114
112
108
201
234
240
238
236
xDSL BLF
xDSL D/A
xDSL DSP
SWITCH
CPE CONTROLLER
250
PC
248
242
244
246
106
xTU-R
102
110

FIG. 2

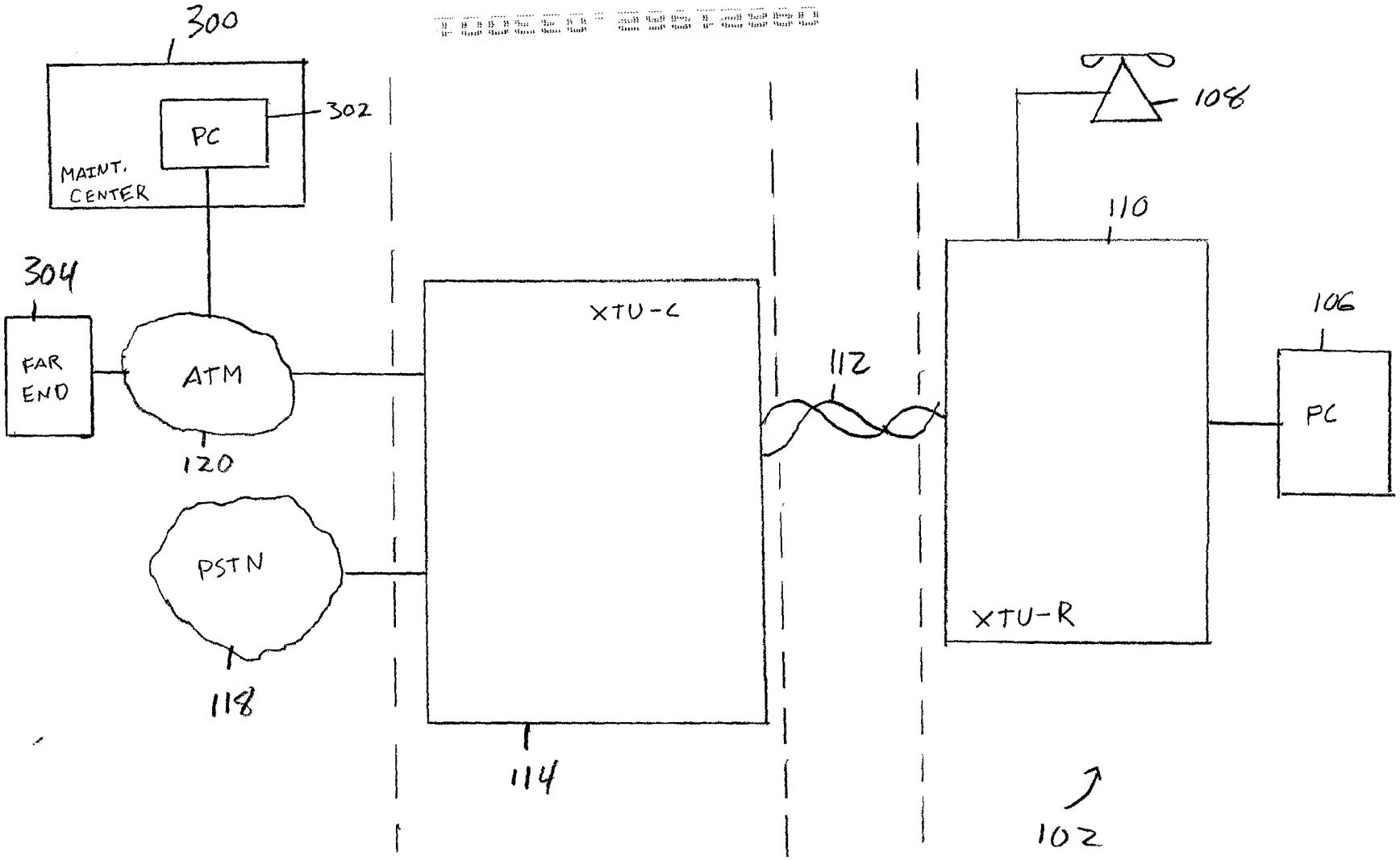
300
PC
302
MAINT. CENTER
304
FAR END
ATM
120
PSTN
118
XTU-C
114
112
108
110
106
PC
XTU-R
102

FIG. 3

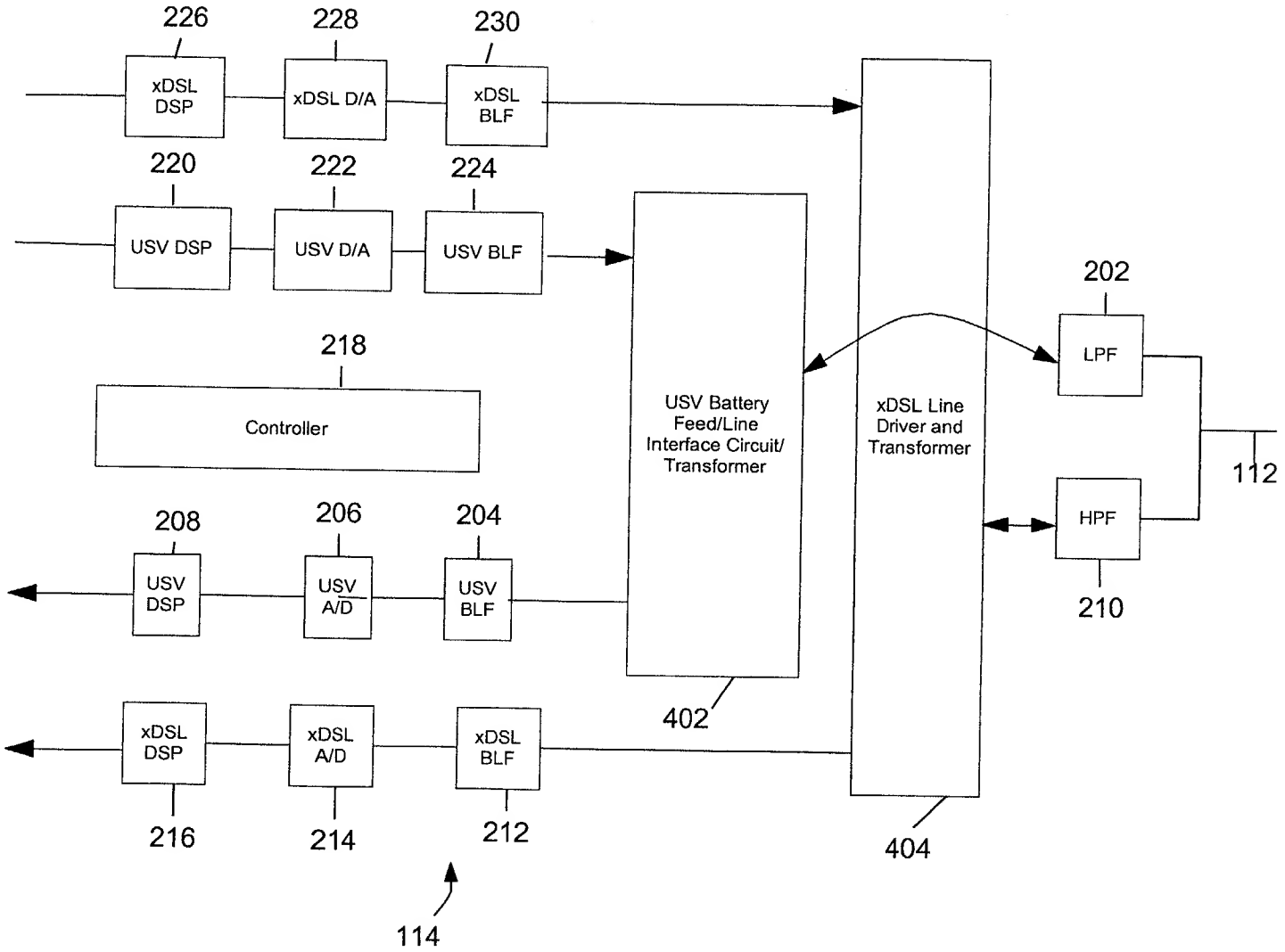
226
228
230
xDSL DSP
xDSL D/A
xDSL BLF
220
222
224
USV DSP
USV D/A
USV BLF
218
Controller
USV Battery Feed/Line Interface Circuit/ Transformer
xDSL Line Driver and Transformer
202
LPF
HPF
112
210
208
206
204
USV DSP
USV A/D
USV BLF
402
xDSL DSP
xDSL A/D
xDSL BLF
216
214
212
404
114

FIG. 4

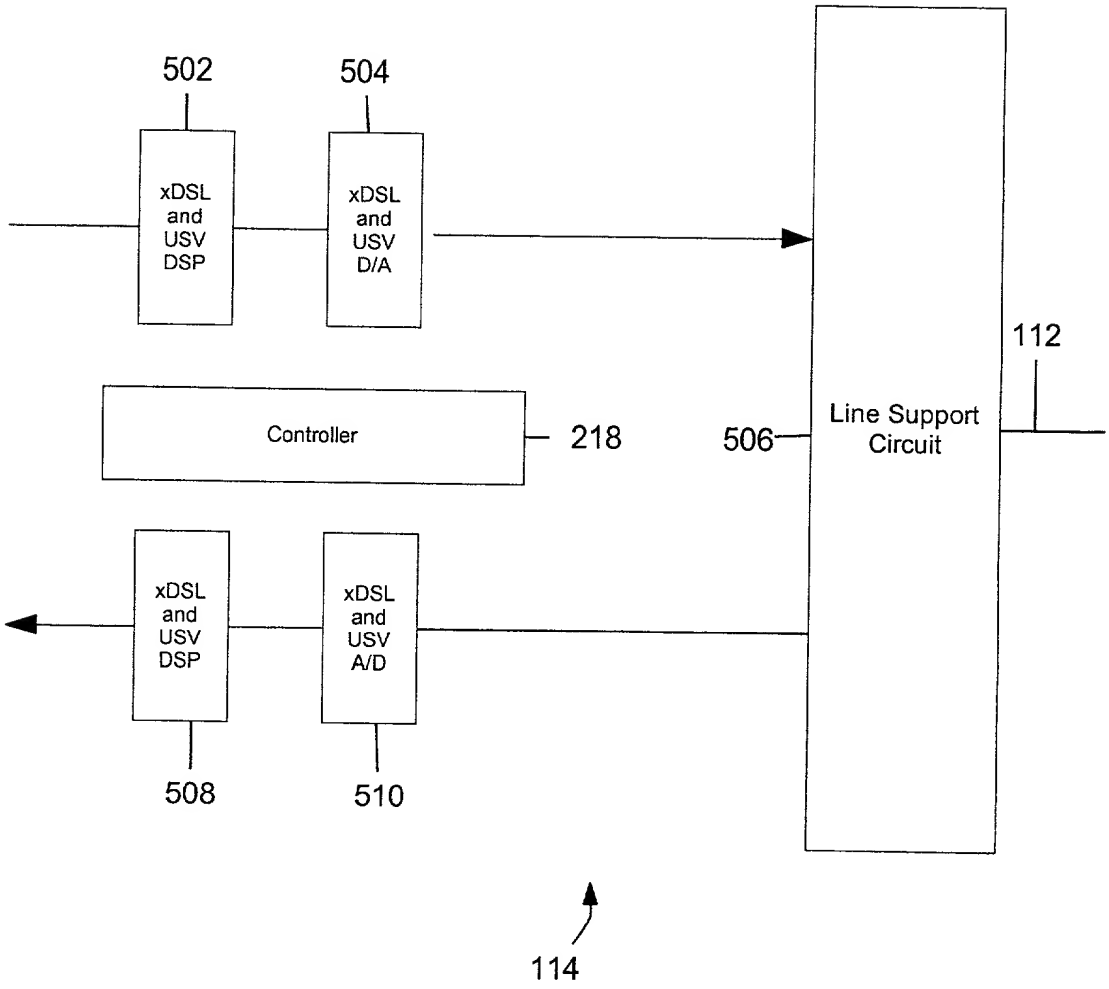
502
504
xDSL and USV DSP
xDSL and USV D/A
112
Controller
218
506
Line Support Circuit
xDSL and USV DSP
xDSL and USV A/D
508
510
114

FIG. 5